

**In The Claims:**

Amend claims 1, 2, 12, 13 and 18, as follows:

1. (twice amended) A contour collimator for radiotherapy, comprising a plurality of plate-shaped diaphragm elements provided in a static guiding block and movably arranged with respect to one another to form a contour diaphragm for a radiation beam emitted by a radiation source towards the collimator, and comprising at least one drive for moving the diaphragm elements, wherein a drive of its own is associated with each diaphragm element, the drives of a group of diaphragm elements are arranged substantially adjacent to one another, and a driving transmission of its own is provided between each drive and the associated diaphragm element.
2. (twice amended) [The] A contour collimator [according to claim 1,] for radiotherapy, comprising a plurality of plate-shaped diaphragm elements provided in a guiding block and movably arranged with respect to one another to form a contour diaphragm for a radiation beam emitted by a radiation source towards the collimator, and comprising at least one drive for moving the diaphragm elements, wherein a drive of its own is associated with each diaphragm element, the drives of a group of diaphragm elements are arranged substantially adjacent to one another, and a driving transmission of its own is provided between each drive and the associated diaphragm element, wherein the drives are arranged substantially in a semi-circle.
12. (twice amended) [The] A contour collimator [according to claim 3,] for radiotherapy, comprising a plurality of plate-shaped diaphragm elements provided in a guiding block and movably arranged with respect to one another to form a contour diaphragm for a radiation beam emitted by a radiation source towards the collimator, and comprising at least one drive for moving the diaphragm elements, wherein a drive of its own is associated with each diaphragm element, the drives of a group of diaphragm elements are arranged substantially adjacent to one another, and a driving transmission of its own is provided between each drive and the associated diaphragm element, wherein each driving transmission has a flexible but tension-resistant and pressure-resistant power-transmitting element one end of which is connected with the associated diaphragm element and the other end of which is connected with the associated drive and which is supported in a moving guide in translatorily movable fashion, and wherein the moving guides are arranged substantially side by side in a

moving guide block and have moving guide gaps diverging in fan-shaped and bent fashion, in which one power-transmitting element [each] is accommodated in translatorily movable fashion.

13. (twice amended) [The] A contour collimator [according to claim 1,] for radiotherapy, comprising a plurality of plate-shaped diaphragm elements provided in a guiding block and movably arranged with respect to one another to form a contour diaphragm for a radiation beam emitted by a radiation source towards the collimator, and comprising at least one drive for moving the diaphragm elements, wherein a drive of its own is associated with each diaphragm element, the drives of a group of diaphragm elements are arranged substantially adjacent to one another, and a driving transmission of its own is provided between each drive and the associated diaphragm element, wherein two superposed planes of drive arrangements are associated with each moving guide block, on power-transmitting element, accommodated in adjacent moving guides, being applied by two superposed drives each.

18. (twice amended) [The] A contour collimator [according to claim 1,] for radiotherapy, comprising a plurality of plate-shaped diaphragm elements provided in a guiding block and movably arranged with respect to one another to form a contour diaphragm for a radiation beam emitted by a radiation source towards the collimator, and comprising at least one drive for moving the diaphragm elements, wherein a drive of its own is associated with each diaphragm element, the drives of a group of diaphragm elements are arranged substantially adjacent to one another, and a driving transmission of its own is provided between each drive and the associated diaphragm element, wherein at least one of the diaphragm elements located in the region of the central middle ray of the radiation beam is provided with at least one thickening rib extending in the translational direction.

### REMARKS

#### Amendment of Claims 1, 2, 12, 13 and 18

Claim 1 has been amended herein to better patentably distinguish the applicants' invention over the art, as more fully discussed hereafter.